Pathology Summary Report

US Fish and Wildlife Service California-Nevada Fish Health Center 24411 Coleman Fish Hatchery Rd Anderson, CA 96007

CA-NV FHC case #: 07-068 Sample Date: Submitted by: Ken Nichols Date Received:

Sample Site(s): Merced River Hatchery Report Date: 9/12/07

Species: Juvenile Fall Chinook Salmon Examined by: Ken Nichols

Purpose of Examination:

Examine VAMP release groups to determine incidence and severity of *Tetracapsuloides* bryosalmonae.

Assay	Tissue	# Samples
Histology	Kidney	30

Significant Findings:

All 30 fish examined were infected with *T. bryosalmonae*. Kidney lesions were observed in 5 of the 30 infected kidney sections. Short term survival (<2 weeks) was not likely influenced by these infections; however, Proliferative kidney disease is progressive and can continue after fish enter the ocean.

Results:

Group	Infected	Clinical	
MRH1	10/10	2/10	_
MRH2	10/10	3/10	
Durham Ferry	5/5	0/5	
Mossdale	5/5	0/5	